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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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EXAMINER

VO, TUNG T

ART UNIT

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PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Response to Arguments

1. Applicant's arguments filed 02/17/2009 have been fully considered but they are not persuasive.

The applicant argues that Gomila does not teach "predicting the at least one missing or corrupted data for the identified macroblock by motion compensating data from both the first previously transmitted picture and a second previously transmitted reference picture," "scaling the determined co-located motion vector m accordance with a picture distance" "selecting results of one of the temporal and spatial-direct modes derivation processes in accordance with at least one a posteriori criterion," pages 6-7 of the remarks.

The examiner respectfully disagrees with the applicant. It is submitted that Gomila teaches ISO/ITU H.264 decompression circuit (fig. 1) comprises motion compensation (16 of fig. 1), based on the ISO/ITU H.264 decompression circuit (fig. 1), the motion compensation inherently predicting the at least one missing or corrupted data for the identified macroblock by motion compensating data from both the first previously transmitted picture and a second previously transmitted reference picture ([0011], the reference frame and the corresponding reference frame(s) previously), scaling the determined co-located motion vector (note Local motion is inherently calculating motion of neighboring blocks based on the global motion in accordance the ISO/ITU H.264 compression/decompression standard, [0026]) in accordance with a picture distance (there is a distant between the reference frame indices sent in the input bit-stream and corresponding reference frames previously stored in the decoder buffer; [0026]); selecting results of one of the temporal and spatial-direct modes derivation (the selection between of motion compensation as temporal mode derivation (16 of fig. 1) and intra frame

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prediction as spatial-direct mode derivation (24 of fig. 1) processes in accordance with at least one a posteriori criterion (Decoder Control of fig. 1). In view of the discussion above, Gomila clearly anticipated that claimed invention.

The applicant argues that Matsumura does not teach "predicting the at least one missing or corrupted data for the identified macroblock by motion compensating data from both the first previously transmitted picture and a second previously transmitted reference picture," and "selecting results of one of the temporal and spatial-direct modes derivation processes in accordance with at least one a posteriori criterion," pages 7 and 8 of the remarks.

The examiner respectfully disagrees with the applicant. It is submitted that Matsumura teaches the well know decoder (fig. 6) having the picture predictor (203 of fig. 6) for performing the predicting processes based on the motion vector calculator (207), wherein the motion predictor is compensating data from both the first previously transmitted picture considered as a reference frame Fr that has been already previously transmitted and a second previously transmitted reference picture considered as a preceding frame that is transmitted previously after the first previously transmitted picture (fig. 8, see also fig. 9), and selecting results of one of the temporal and spatial-direct modes derivation processes (B2 and B5 of fig. 13, Intra and inter accordance to MPEG-2 compression and decompression) in accordance with at least one a posteriori criterion in modified with Tourapis (1306 of fig.13, figs. 14 and 15). In view of the discussion above, the claimed features are unpatentable over Matsumura and Tourapis.

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2. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tung Vo whose telephone number is 571-272-7340. The examiner can normally be reached on Monday-Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mehrdad Dastouri can be reached on 571-272-7418. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Tung Vo/
Primary Examiner, Art Unit 2621